ICR Workspace Working Group Teleconference Meeting Minutes

Date, Time & Location:	July 14, 2004, 2:00pm – 3:00pm EDT
Attendees:	Ted Liefeld - MIT John Greally - Einstein Kutbuddin Doctor - Burnham Patrick McConnell – Duke Simon Lin – Duke Tom Moloshok - Fox Chase Cathy Wu - Georgetown Edith Zang - Institute for Cancer Prevention Emily Chueng - Institute for Cancer Prevention Paul Spellman - Lawrence Berkley Labs Tina Xiao – Jet Propulsion Lab Dana Carrington - Mayo Mathieu Wiepert - Mayo Greg Bloom - Moffitt Mervi Heiskanen – NCI Carl Schaefer – NCI David Kane – NCI/SRA Subha Madhavan - NCI Sue Dubman – NCI Lihua Zhu - Northwestern Judith Goldberg - NYU Vincent Yau - Oregon Health Alex Lash – Sloan Jack London – Thomas Jefferson Wai-Choi Leung – Tulane Kuo-Pung Li – Chao Family George Wu - Lineberger Everett Zhou – Lineberger Yajun Yi - Vanderbilt Rakesh Nagarajan - Wash U Mark Watson – Wash U Harold Riethman – Wistar John Rux - Wistar Louis Showe - Wistar Claire Zhu – BAH Mark Adams - BAH Juli Klemm - BAH
Introduction	**Roll-call, open meeting, review meeting goals** - Summary of Special Interest Group activities - Update from other Workspaces - ICR face-to-face meeting - Update on contract process/status - caBIG external interfaces
Review of Workspace	**Summary of Special Interest Group activities**

Integrative Cancer Research Workspace

Activities	All SIGs have generated Mission Statements. These are currently posted on the on line forum in their respective SIG folders. Most projects have been finalized and developer-adopter pairings have been agreed upon. Presentations are available on the on line forum.

Juli has created a mailing list for each SIG. To add or remove members, please contact Juli.

- Pathways
  - Pathways Tools project (Developer: Sloan, Adopter: Oregon Health)
  - QPACA (Developer: UC San Francisco, Adopter: Oregon Health)
  - PIR project (Developer – Georgetown, Adopter: Penn)
  - Gary Bader and Cathy Wu made presentations of BioPAX and PIR, respectively, at the last SIG meeting.
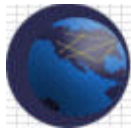
- Microarray Repositories
  - caArray (Developer: NCICB, Adopters: New York, Georgetown, Wistar)
  - Microarray data sharing (Developer: Thomas Jefferson, Adopter: Sloan)
  - caArray presentation has been given. Group is discussing microarray data exchange

- Genome Annotation
  - HapMap Data, PromoterDB data, GKB data (now renamed to Reactome) (Developer: Cold Spring Harbor)
    - HapMap Adopter: Wistar
    - PromoterDB and GKB (Reactome) data Adopter: Sloan
  - Cancer Molecular Pages (Developer: Burnham, Adopter: IFCP)
  - SEED (Developer: U of Chicago, Adopters: IFCP, Georgetown)
  - GOMiner (Developer - NCI Center for Cancer Research, Adopter: Wistar)
  - NCI-60 data sharing (Developer - NCI Center for Cancer Research, Adopter is TBD)
  - FunctionExpress (Developer: Wash U, Adopter is TBD)
  - SEED and GBrowse tool demos at the last meeting. GOMiner and FunctionExpress will be presented at the next meeting.
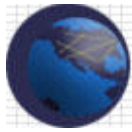
- Data Analysis and Statistical Methods
  - VISDA (Developer: Georgetown, Adopter: Wistar)
  - DWD (Developer: UNC Lineberger, Adopter: Wistar)

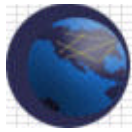|	
	o GenePattern (Developer: MIT, Adopter: New York)
	o RJava (Developer: Duke, Adopter: Oregon Health)
	o caGEDA (Developer: Pittsburgh - unfunded activity but there may be adopters)
	o James Lyon-Weiler gave a presentation of caGEDA at the last SIG meeting. VISDA and DWD will be presented at the next meeting.
	▪ Informatics for Proteomics
	o Proteomics LIMS (Developer: Fox Chase, Adopter: Moffitt)
	o RProteomics (Developer: Duke, Adopters: Penn, New York, Oregon Health)
	o Q5 (Developer: Dartmouth, Adopters: IFCP, New York)
	o Simon Lin gave a presentation of RProteomics at the last meeting. Began discussion of Proteomics data exchange.
	▪ Translational Tools
	o TrAPSS (Developer: Holden, Adopter: IFCP)
	o TrAPSS and Rembrant will be presented at the next meeting.
Updates from other Workspaces:	**Architecture (Liaison: Patrick McConnell, Duke)**
	▪ Grid prototype project: presentation and demo by Panther Informatics
	o Goals
	- Allow researchers to exchange data with ease
	- Allow researchers to understand semantics of data
	- Allow for quicker publication of analysis of data
	- Ask questions like:
	1. Find me all genes and their aliases that are associated with neoplasia
	2. Find me all microarray experiments that have been used in studying neoplasia
	3. Find me all pathways that have been implicated in neoplasia
	o Implementation
	- OGSA-DAI (Open Grid Services Architecture – Data Access & Integration)
	• Based on Globus and web services
	- caGRID extensions to plug into OGSA-DAI and Globus
	1. Concept discovery (metadata)

2. Federated query

3. Adapter between globus and caBIO

- CaBIO

  - New data source

- CaDSR

  - XML representation

o Demonstration

- Service registry

- Metadata and metadata queries

- Adding/removing services

- Querying services:

  1. Show me all phase I Clinical Trial Protocols

  2. Show me all Trials for Neoplasia

  3. Show me all Diseases that are associated with Phase I trials.

o Lessons learned

- Inherent learning curve in implementing grid technologies

- Grid technologies still maturing – frequent upgrades essential

- Common metadata and terminology essential

- Common query language important for federated queries

▪ Next meetings

o July 16th, 1:00-3:00 – discussion of "The Grid Prototyping Project"

o July 27th-July 28th – face to face meeting at Ohio State University

Controlled Vocabularies and Common Data Elements (communicated by Mark Adams)

▪ Face-to-face meeting on Monday, July 19th in Bethesda, MD, will be focused on discussion and prioritization of current projects.

Tissue Banks and Pathology Tools (Liaisons: Mark Watson, Rakesh Nagarajan, Wash U)

▪ Survey sent out to all Adopters regarding requirements for Tissue Bank database. Goal is to create a development plan that will benefit the most groups.

▪ General approach for development within this Workspace:

o Create a core system for Centers with no existing system

o Create "adapters" to this core system for Centers with

legacy systems

- Currently planning what vocabularies and common data elements will be needed.

Clinical Trials Management (communicated by Sue Dubman)

- Face-to-face meeting scheduled for July 19 & 20 in Pittsburgh, hosted by UPMC.

    o Overall project roadmap

    o Review Developer/Adopter activities

    o Discuss Clinical Trials specific topics such as remote data access; protocol authoring; etc.

Training (Liaison: Edith Zang, Institute for Cancer Prevention)

- Training Liaison Summary

    o The Training strategic group and each of the subcommittees (Developer, Adopter, Communication) met once since the previous ICR subcommittee meeting on June 14th.

    o The last Training teleconference, held on June 30th, was fully devoted to training in Centra.

- Adopter Training Subcommittee Summary

    o Members of this subcommittee are currently developing the framework for a Training Strategy document. This document will cover, in detail, the common training strategies to be used for training developers and adopters.

    o Existing examples and training templates are being solicited from participating cancer centers, to be incorporated into this document. The long-term intent is to circulate the Training Strategy document to other sub-committees and groups for feedback, and to incorporate the final version into the overall project plan.

    o Members of OSU and IFCP are currently testing their Videoconferencing connections, to evaluate the possibility of using videoconferencing as the primary mode of communications among the cancer centers in caBIG.

    o The long-term goal is to have all 10 members of this group participate in videoconferencing and, eventually, to roll out this communications system to the caBIG community as a whole.

Strategic Planning

(no update available)

Data Sharing and Intellectual Capital (Liaison: Tom Casavant, Terry Braun, Holden)

- Mark Watson (Wash U) prepared a survey on sending/receiving:

	o Biospecimens o Data o Reagents/compounds o Sponsoring of clinical trials o Analytic tools (algorithms and software) ▪ This garnered lots of discussion. Mark was going to try and capture and digest this input and modify the survey accordingly. ▪ DSIC is planning the face- to-face meeting – date is TBD ▪ Articles have been circulated that describe the application of the open source model to drug development and data access.

Other Items Discussed	**ICR Face-to-Face Meeting**
	
	▪ Dates for the face-to-face meeting has been confirmed for August 24 & 25.
	
	▪ Location will be in the vicinity of Rockville – final venue being finalized..
	
	▪ Suggested Agenda items: (Juli)
	
	  o Training of caCORE
	
	  o Training of UML modeling tools
	
	  o Harmonization of UML models
	
	  o Breakout sessions for each SIG
	
	  o Breakout sessions for Develop/Adopter pairs
	
	  o Discuss use cases
	
	  o Discuss caBIG compatibility
	
	▪ If you have any ideas or suggestions for the face-to-face meeting agenda, please email Juli.
	
	▪ Draft agenda will be emailed within the next 2 weeks.
	
	▪ caBIG funding is generally limited to one participant per center per role.
	
	Contract Status
	
	Mark Adams gave an update on contract status and procedure:
	
	▪ Many Centers are close to signing the contract.
	
	▪ Basic Agreement must be signed by Cancer Centers before SOWs can be issued. Only one Agreement needs to be signed by each Center regardless of how many SOWs they have.
	
	▪ Upon receiving the signed Basic Agreement, Booz Allen will send SOW/RFP packages to the Center. Each role will have a separate package.
	
	▪ The Centers will fill out the forms and return the packages to Booz Allen.

- The proposals will be reviewed first at Booz Allen, and then at NCI.

- Task orders will be issued upon approval of the proposals.

- Upon start of project, Centers will be sent a URL link for tracking and reporting deliverables. Payment will be issued upon completing deliverables, after approval. The reporting burden should be minimum.

caBIG External Interfaces

- The Strategic Planning Working Group will act as a clearinghouse for external communications. Prior to strategic formal engagement with external groups, workspaces should notify the Strategic Planning WG of the name of the outside group and who as been assigned to work with this group. This organization should lead to better coordination and minimize duplication of efforts.

- Consult Juli on whether or not it is necessary to file the External Relationship Information Form (distributed) for your situations.

Action Items:	Name Responsible	Action Item	Date Due	Notes
	Juli Klemm	Distribute meeting minutes	7/21/04	
	Juli Klemm	Distribute draft agenda for the face-to-face meeting	7/23/04	
	Juli Klemm	Finalize location for the face-to-face meeting	7/23/04	